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## 1. Land vehicle weapon system comprising:

a base mount coupled with a land vehicle;

a weapon mount;

5 a plurality of weapons coupled with said weapon mount;

a weapon moving mechanism coupled between said base mount  
and said weapon mount, said weapon moving mechanism being  
operable to move said weapons to a combined configuration,  
between a transportation configuration and a static firing  
10 configuration;

a plurality of moving elements coupled with at least one of said  
base mount, said weapon mount, said weapons, and with said  
weapon moving mechanism;

a sensing mechanism coupled with at least one of said weapon  
15 mount, said weapons and said base mount; and

at least one user interface coupled with said weapons, said  
weapon moving mechanism, said moving elements, and with said  
sensing mechanism, said at least one user interface enabling a user  
to remotely operate said weapons,

20 wherein said weapon moving mechanism is in form of a four bar  
linkage whose first link is fixed and is the same as said base mount, a  
second link of said four bar linkage being rotatably coupled with said  
first link, a third link of said four bar linkage being rotatably coupled  
with said second link and with a fourth link of said four bar linkage,  
25 said fourth link being rotatably coupled with said first link, at least one  
of said second link and said fourth link being slidably coupled with  
said first link, said weapon mount being coupled with at least one of  
said third link and said fourth link, said weapon moving mechanism  
being in said transportation configuration, when said second link, said  
30 third link, and said fourth link are substantially aligned along a  
substantially horizontal flat plane, said weapon moving mechanism

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being in said static firing configuration, when said four bar linkage is in a substantially triangular geometric form.

2. The system according to claim 1, wherein said weapon moving  
5 mechanism moves said weapons to a combined configuration,  
between a transportation configuration and a static firing  
configuration.
3. The system according to claim 1, wherein said weapons are selected  
10 from the list consisting of:  
    canon;  
    mortar;  
    machine gun;  
    sub-machine gun;  
15     coaxial machine gun;  
    rifle;  
    missile launcher; and  
    automatic grenade launcher.
- 20 4. The system according to claim 1, further comprising a chemical  
compound dispenser coupled with said weapon mount.
5. The system according to claim 4, wherein said chemical compound  
dispenser dispenses a chemical compound selected from the list  
25 consisting of:  
    smoke;  
    gas;  
    foam; and  
    liquid.

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6. The system according to claim 1, wherein each of said moving elements is selected from the list consisting of:

electric actuator;  
mechanical actuator;  
5 hydraulic actuator; and  
pneumatic actuator.

7. The system according to claim 1, wherein said sensing mechanism comprises at least one sensor.

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8. The system according to claim 7, wherein said at least one sensor is selected from the list consisting of:

laser sensor;  
sonic sensor;  
15 radar; and  
mechanical sensor.

9. The system according to claim 1, wherein said sensing mechanism comprises an imaging system.

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10. The system according to claim 9, wherein said imaging system is selected from the list consisting of:

charge-coupled device; and  
video camera.

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11. The system according to claim 10, wherein said video camera operates in a visible range of wavelengths.

12. The system according to claim 10, wherein said video camera  
30 operates in a non-visible range of wavelengths.

13. The system according to claim 1, wherein the type of said at least one user interface is selected from the list consisting of:
- tactile;
  - visual;
  - 5 audio; and
  - haptic.
14. The system according to claim 1, wherein said at least one user interface is located within said land vehicle.
15. The system according to claim 1, further comprising a target tracking system coupled with said weapon mount.
16. The system according to claim 1, further comprising a laser designator coupled with said weapon mount.
17. The system according to claim 1, wherein at least one of said moving elements rotates said base mount about a vertical axis substantially perpendicular to a longitudinal axis of said land vehicle.
18. The system according to claim 1, wherein at least one of said moving elements changes the elevation of said weapons.
19. The system according to claim 1, wherein said weapon moving mechanism changes the height of said weapons above a roof of said land vehicle.
20. The system according to claim 1, further comprising a stabilization system coupled with at least one of said weapons, said stabilization system stabilizing the orientation of said at least one weapon,

according to the position of a target, and according to the movement of said land vehicle.

21. The system according to claim 1, further comprising at least one  
5 ammunition cartridge coupled with a respective one of said weapons.

22. The system according to claim 1, further comprising at least one  
communication interface coupled with said weapons, said moving  
elements, said weapon moving mechanism, said sensing  
10 mechanism, and said user interface.

23. The system according to claim 22, wherein the coupling of said at  
least one communication interface with said weapons, said moving  
elements, said weapon moving mechanism, said sensing  
15 mechanism, and said user interface, is selected from the list  
consisting of:

conductive; and  
wireless.

20 24. The system according to claim 1, wherein said land vehicle is  
selected from the list consisting of:  
wheel driven;  
track driven; and  
a combination of the above.

25 25. The system according to claim 1, wherein said land vehicle is an  
unmanned land vehicle.

26. The system according to claim 1, wherein said weapon moving  
30 mechanism moves said weapons between a static firing configuration  
and a transportation configuration, said static firing configuration

having a static firing height with respect to said base mount, said transportation configuration having a transportation height with respect to said base mount, said static firing height being greater than said transportation height,

5 wherein the elevation in said static firing configuration is characterized by a first range of angles and the elevation in said transportation configuration is characterized by a second range of angles, and

10 wherein said first range of angles is greater than said second range of angles.

15 27. The system according to claim 1, wherein said base mount is coupled to an outer surface of said land vehicle, without substantial modification to said outer surface and without physically penetrating said land vehicle.

20 28. The system according to claim 1, wherein said base mount is coupled to an outer surface of said land vehicle, without physically penetrating the hull of said land vehicle.

29. Land vehicle weapon system according to any of claims 1-28 substantially as described hereinabove.

25 30. Land vehicle weapon system according to any of claims 1-28 substantially as illustrated in any of the drawings.

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